



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: **Everest W. Huang, et al.**

Serial No.: **09/925,077**

Filed: **08/08/2001**

For: **Using SISO Decoder Feedback To Produce  
Symbol Probabilities For Use In Wireless  
Communications That Utilize Turbo Coding  
And Transmit Diversity**

Docket No.: **TI-31514**

Examiner: **Meek, Jacob M.**

Art Unit: **2637**

Not. of All.: **08/31/2005**

Conf. No.: **3083**

**SUPPLEMENTAL DECLARATION**

Assistant Commissioner for Patents  
Alexandria, VA 22313-1450

Sir:

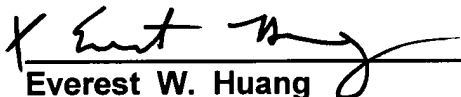
We, Everest W. Huang, Alan Gatherer, and Tarik Muharemovic, as joint inventors named in the application for letters patent for an improvement in Using SISO Decoder Feedback To Produce Symbol Probabilities For Use In Wireless Communications That Utilize Turbo Coding And Transmit Diversity, Serial No. 09/925,077, filed in the United States Patent and Trademark Office on or about the 8th day of August, 2001, declare that we reviewed and understand the contents of the specification, including the claims as amended by the following amendments:

*Amendments filed: Amendment 1.111 filed 10/29/2004; and  
Amendment filed 07/01/2005.*

That we believe that we are an original and first co-inventor of the claimed subject matter for which a patent is sought; that said subject matter, including the claims as amended, was part of our invention, and was invented before the filing of the original application, above identified, for such invention; and that we acknowledge our duty to disclose information of which we are aware which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56.

**Supplemental Declaration**  
**TI-31514**

We further declare that all statements herein made of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

X   
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Date

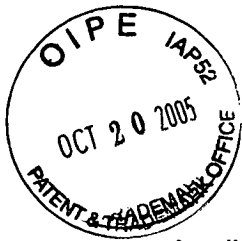
**Not Applicable**  
**Signature of Inventor**

Address

Citizenship

Date

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Citizenship

**5<sup>th</sup> OCT 2005**  
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**X 6<sup>TH</sup> OCT 2005**  
\_\_\_\_\_  
Date

**Not Applicable**  
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**Signature of Inventor**

\_\_\_\_\_  
Address

\_\_\_\_\_  
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\_\_\_\_\_  
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